

ABOUT MDA

MISSILE DEFENSE AGENCY

The Missile Defense Agency (MDA) is a research, development, and acquisition agency within the Department of Defense.

As MDA develops, tests, and fields an integrated Ballistic Missile Defense System (BMDS), the Agency works closely with the Combatant Commanders (e.g. Pacific Command, Northern Command, etc.) who rely on a multi-layered architecture of sensors, system of elements, and Command, Control, Battle Management and Communications (C2BMC) to identify and respond to a hostile ballistic missile attack. The Agency works with the Combatant Commanders to ensure that we develop a robust BMDS technology and development program to address the challenges of an evolving threat. MDA is also steadily increasing our international cooperation by supporting mutual security interests in missile defense.



MDA MISSION

WHY WE ARE HERE

Develop, test, and field an integrated, layered, ballistic missile defense system (BMDS) to defend the United States, its deployed forces, allies, and friends against all ranges of enemy ballistic missiles in all phases of flight.



MDA

MISSILE DEFENSE AGENCY

WEBSITES

www.dodsbir.net
www.mda.mil

CONTACTS

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MDA

MISSILE DEFENSE AGENCY

SMALL BUSINESS
INNOVATION RESEARCH
TECHNOLOGY TRANSFER

www.mda.mil

MDA OBJECTIVES

our agency goals

MDA's goal is to capitalize on the creativity and innovation of the Nation's universities and small business community through the development of cutting edge technology that can transition into the Ballistic Missile Defense System (BMDS).

MDA FOCUS

our agency focus for SBIR/STTR

Pursue high-risk technologies that could spur a revolutionary leap or enhancement, decrease the time required to transform them into actual applications for insertion into the BMDS, and benefit from commercialization. Research topics submitted by MDA Program Elements can include such areas as Sensors, Manufacturing Efficiency & Improvement, Materials Development, Command & Control, Modeling & Simulation, and Propulsion. A current index of research areas can be found at www.dodsbirnet.

MDA PROCESS

our three-phase procedure

As part of its SBIR/STTR program, MDA participates in a Department of Defense-issued solicitation, describing its Research and Development (R&D) needs and inviting R&D proposals from small companies—firms organized for profit with 500 or fewer employees.



PHASE ONE

SBIR/STTR PROCEDURES

Companies apply for a seven-month Phase-I award to test the scientific, technical, commercial merit and feasibility of a particular concept.

PROPOSALS

- // Twenty page limit
- // Three criteria: technical merit and feasibility of concept and approach; qualifications of research team; Commercialization/Transition potential and approach
- // Must identify all foreign nationals and level of involvement
- // Most recent SBIR and STTR topics and awards available on DoD SBIR/STTR website (<http://www.dodsbirnet>)

CONTRACTS

- // Topics typically TTAR restricted
- // Typically unclassified
- // \$125,000 (no options), 7 Months

PHASE TWO

SBIR/STTR PROCEDURES

All Phase-I awardees under a particular solicitation are allowed to submit a proposal for a two-year Phase-II award to further develop the concept, usually to the prototype stage.

PROPOSALS

- // Submitted only during announced open period
- // Announcement on web page with email notification to current Phase-I awardees
- // Submitted for an amount not to exceed \$1,000,000
- // MDA may later consider enhancing Phase-II contract funding depending on BMDS relevance and program needs

PHASE THREE

SBIR/STTR PROCEDURES

Following completion of Phase-II, small companies are expected to obtain funding from the private sector and/or non-SBIR government sources (in "Phase-III") to develop the concept into a product for sale in private sector and/or military markets.



MDA

commercialization and transition

The MDA's Commercialization and Transition program provides assistance to SBIR/STTR firms to transition new technologies into a very competitive defense market place. The commercialization group works to team the firms with MDA elements, prime contractors, and other qualified advisors with the intention of insertion into the Ballistic Missile Defense System.

Benefits to small research firms come in the form of a revenue stream from SBIR and other government research and development sources, a clear transition path, reduction in transition time, shorter time to market, and a broader customer base. The MDA benefits with a focused research, development, and transition process to meet the needs of the BMDS and by building the Nation's small business industrial base.